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## Department of Toxic Substances Control

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**DEPARTMENT OF TOXIC SUBSTANCES CONTROL  
WEEKLY PROJECT UPDATE  
ZENECA/FORMER STAUFFER CHEMICAL SITE  
Richmond, California  
Activities for February 21 - 25, 2005**

### Site Activities

- DTSC personnel were present on the site this week. No site work occurred on Monday, February 21. DTSC staff continues to monitor site conditions in the Upland area.
- Site work this week consisted of:
  - Import of approximately 10,000 tons of material approved by the Water Board to be used as backfill in the marsh and upper lagoon.
  - Maintaining and reconditioning of on-site truck haul roads.
  - Excavation of the hot spot area in the marsh and transfer of the material to the Upland stockpile area.
  - Excavation of the southeast cinder levee and transport of the material to the Upland area of the site for staging prior to off-site disposal as non-hazardous waste.
- No off-hauling of stockpiled material or solidification of excavated material with lime occurred this week.

### Air Monitoring

Results of the range of real-time air monitoring for February 18 to February 24, 2005 conducted by CSV are as follows:

- Hydrogen Sulfide Monitoring Results  
**Action level – 0.03 parts per million (ppm)**  
CSV Measurement: 0.000 to 0.007 ppm
- Volatile Organic Compounds Monitoring Results  
**Action Level – 1 ppm**  
CSV Measurement: 0 to 0.7 ppm
- Total Dust Monitoring Results  
**0.5 milligrams per cubic meter (mg/m<sup>3</sup>) [5 minute average] = stop work**  
CSV Measurement: 0.000 to 0.154 mg/m<sup>3</sup>

*DTSC did not collect any real-time air monitoring as no off-hauling or lime solidification of marsh material occurred this week. Hydrogen sulfide readings will not be collected in the future as the equipment was rented and was returned to the vendor.*

*Cherokee Simeon Ventures (CSV) reported that the hydrogen sulfide reading from monitoring station 2 (along the 46<sup>th</sup> Street haul road) on February 3 was 336 ug/m<sup>3</sup>. This value exceeds the action level of 42 ug/m<sup>3</sup> or 30 parts per billion. Monitoring station 2 was generally in the upwind direction on that day and hydrogen sulfide was not detected at three of the other four perimeter air monitoring stations (1, 2 and Southwest Corner) located at the site. Hydrogen sulfide was detected at the 49 North Station at a concentration of 5.88 ug/m<sup>3</sup> (below the action level). Real time hydrogen sulfide monitoring was also carried out on the site that day. All readings for the real time data located at monitoring station 2 was equal to or below 8 parts per billion, and at or below 9 parts per billion at other locations around the site (below the action level). DTSC is attempting to determine the cause of the elevated reading.*

### **Correspondence**

No new correspondence was issued this week.

### **Public Participation**

- A public notice was placed in the *Contra Costa Times* and *Berkeley Daily Planet* newspapers on February 18, 2005, announcing that a community advisory group (CAG) is being formed for the Zeneca Site. Approximately 200 individuals or groups have requested applications to serve on the CAG. The deadline to apply to serve on the CAG is March 18, 2005. Applications can be requested by contacting Nancy Cook, DTSC Public Participation Specialist, at (510) 540-3923. Applications are also available online at [www.dtsc.ca.gov/SiteCleanup/Zeneca/index.html](http://www.dtsc.ca.gov/SiteCleanup/Zeneca/index.html).
- The deadline to complete and submit a community survey regarding the Zeneca Site ended on February 18, 2005. Approximately 400 completed community surveys were returned to DTSC. DTSC is currently evaluating the information from the community surveys to assist in developing the site community outreach plan.